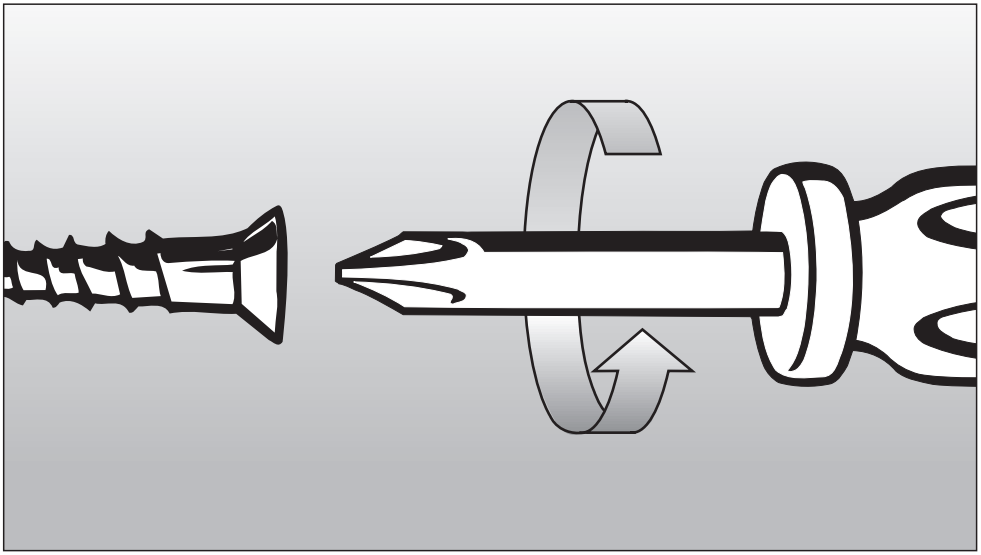
Installation instructions



Gas-hobs
KM 360 / KM 360-1
KM 361
KM 362 / KM 362-1
KM 363

To avoid the risk of accident or damage to the appliance it is **essential** to read these instructions before installing or using it.

AUS NZ

M.-Nr. 05 827 671

(AUS) (NZ) This appliance can be used in countries other than those specified on the appliance. It is, however, set up for connection to the gas and electricity supplies in the countries specified. For use in other countries please contact the Miele spare parts or customer service department in your country.

(D) Das Gerät ist auch für den Gebrauch in anderen als auf dem Gerät angegebenen Bestimmungsländer zugelassen. Die landesspezifische Ausführung und die Anschlussart des Gerätes haben wesentlichen Einfluss auf den einwandfreien und sicheren Betrieb. Für den Betrieb in einem anderen als auf dem Gerät angegebenen Bestimmungsland wenden Sie sich bitte an den für das Land zuständigen Kundendienst.

(E) El aparato está autorizado para el uso en países diferentes a los países de destino indicados. La ejecución específica para cada país y el tipo de conexión del aparato influyen de forma decisiva en el funcionamiento correcto y seguro. Para el funcionamiento en un país diferente al país de destino indicado en el aparato, consulte al Servicio Post-venta autorizado para el país.

(F) Cet appareil est également homologué dans des pays différents de ceux mentionnés sur l'appareil. Pour que l'appareil fonctionne parfaitement et en toute sécurité, il est important de disposer de l'exécution spécifique au pays et du type de raccordement approprié. Pour le fonctionnement dans un pays autre que celui spécifié sur l'appareil, veuillez vous adresser au service après-vente du pays où sera installé l'appareil.

(I) L'apparecchio può essere usato anche in paesi diversi da quello indicato sull'apparecchio stesso. Tuttavia, le varianti specifiche di un determinato paese e il tipo di allacciamento alla rete hanno un'importanza fondamentale per il suo sicuro e corretto funzionamento. Per questo se si vuole usare l'apparecchio in un paese diverso rivolgersi al servizio di assistenza tecnica Miele del paese in cui si intende usarlo.

(NL) Het apparaat is ook toegelaten voor gebruik in andere landen dan de landen die op het apparaat vermeld staan. De specifieke uitvoering en de aansluitwijze zijn van groot belang voor het goed en veilig functioneren. Neem daarom contact op met de Technische Dienst van de fabrikant in uw land als u het apparaat in een land wilt gebruiken dat niet op het apparaat vermeld staat.

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Building in

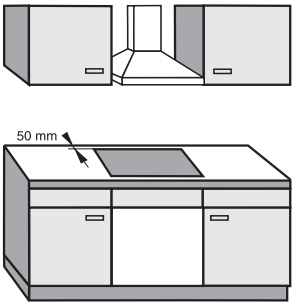
Fit wall units and the cooker hood before fitting the appliance, to avoid damaging it.

The veneer or laminate coatings of worktops (or adjacent kitchen units) must be treated with 100 °C heat resistant adhesive which will not dissolve or distort.
The worktop upstand must be heat resistant.

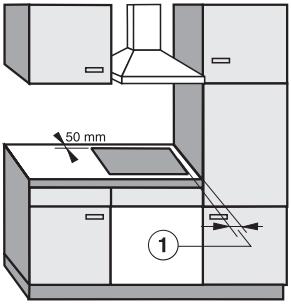
Ideally the hobs should be installed with plenty of space on either side. There may by a wall at the rear and a wall or tall units at one side. On the other side, however, no unit or divider should stand higher than the hob.

This equipment is not designed for maritime use or for use in mobile installations such as caravans, aircraft etc. However it may be suitable for such usage subject to a risk assessment of the installation being carried out by a suitably qualified engineer.

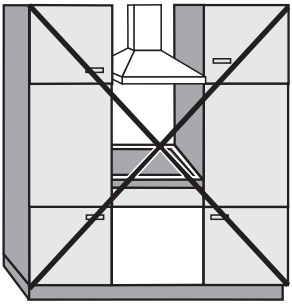
Due to the heat radiated by the hob and to allow cooking fumes to dissipate it is essential that a minimum safety distance ① of **100 mm** is maintained between the worktop cut-out and adjacent kitchen units. There must be a minimum safety distance of 50 mm between the appliance and a back wall.



recommended



not recommended



not allowed

As a minimum 20 m^3 space is required where the appliance is installed, and a door or window which can be opened to the outside air.

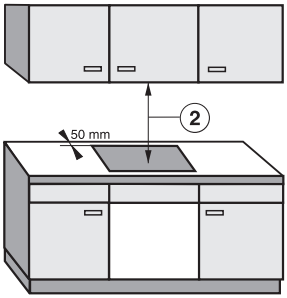
Using the gas hob can cause heat and moisture to build up in the kitchen. Ensure that the room is well ventilated; open a door or window or provide a mechanical means of ventilation, by installing a cooker hood, for example.

The hob may be installed above a Miele oven, if the work-top is at least 40 mm thick.

The gas hob must not be installed next to an electric fryer, as the gas flames could ignite fat in the fryer. It is essential to maintain a minimum distance of 300 mm between these two appliances.

A hob may not be built in over a washing machine, tumble dryer, dishwasher, fridge, fridge-freezer or freezer. The high radiant temperatures which are sometimes generated by the hob could damage such appliances.

Safety distance above appliances



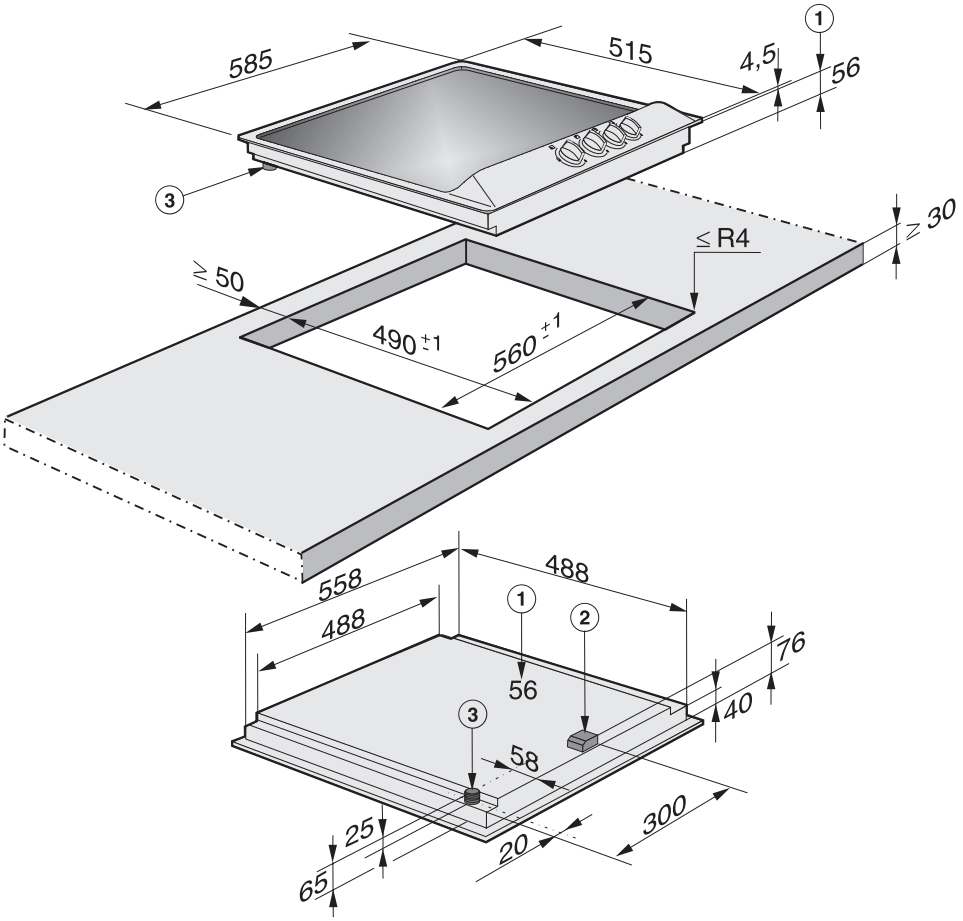
A minimum safety distance ② must be maintained between the hob and the cooker hood above it. See the manufacturer's operating and installation instructions for details. For any flammable objects, e.g utensil rails, wall units etc. a minimum safety distance of at least 760 mm should be maintained between it and the hob below.

All dimensions in this instruction booklet are given in mm.

Keep these instructions in a safe place and pass them on to any future owner of the appliance.

Appliance dimensions and worktop cut-out

KM 360 / KM 362



① Building-in height

② Connection box

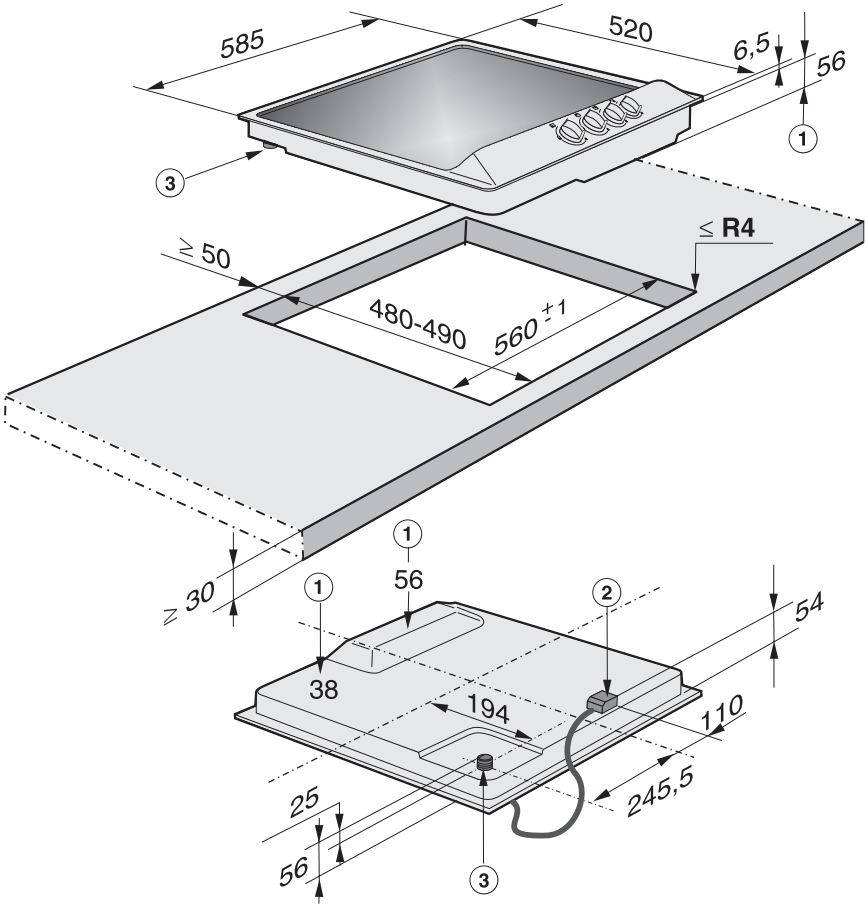
③ Gas connection R $^{1}/_{2}$ - ISO 7-1 (DIN2999)

- Make the worktop cut-out following the dimensions shown above.
  Remember to maintain a minimum safety distance of 50 mm between the hob and the back wall and 100 mm to the right or left of the hob. See Warning and Safety instructions.
- Seal the cut surfaces with a suitable sealant to avoid swelling caused by moisture.
  The materials used must be heat resistant.

If during installation the corners of the frame are not flush with the worktop surface, the corner radius, Max R4 can be carefully scribed to suit.

Appliance dimensions and worktop cut-out

KM 360-1 / KM 362-1



① Building-in height

② Connection box

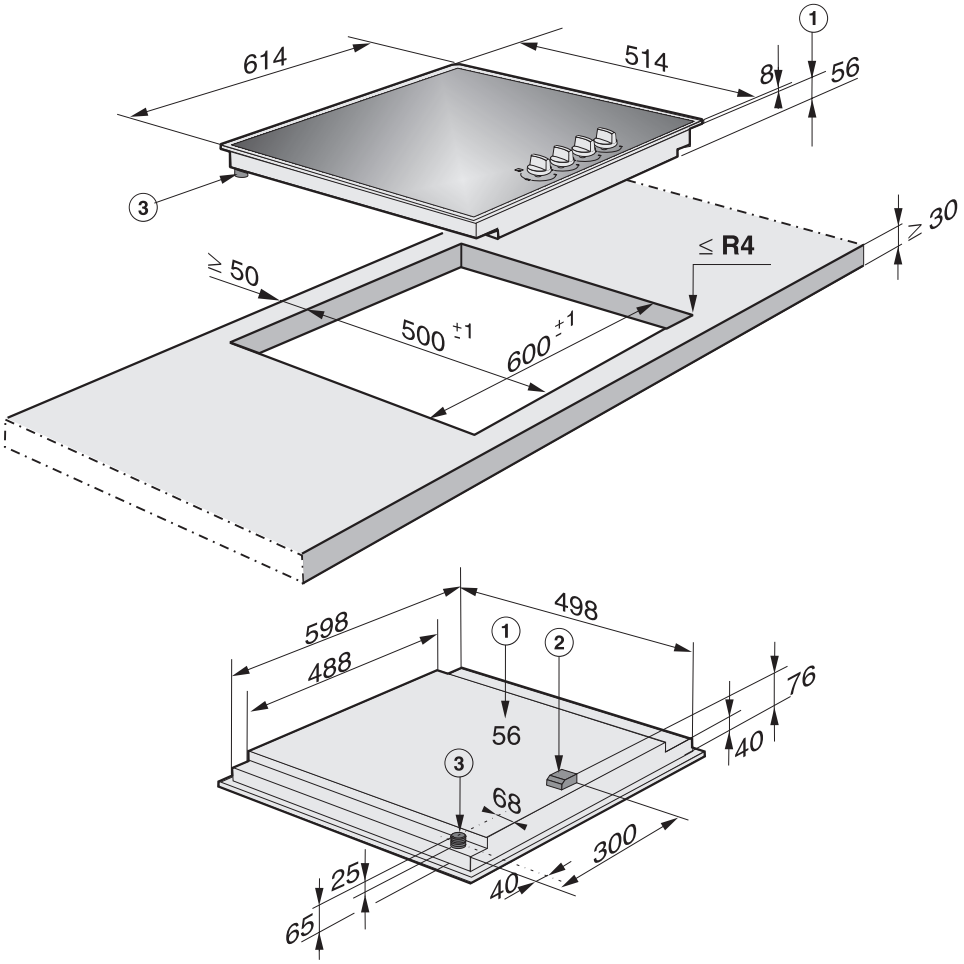
③ Gas connection R $^{1}/_{2}$ - ISO 7-1 (DIN2999)

- Make the worktop cut-out following the dimensions shown above.
  Remember to maintain a minimum safety distance of 50 mm between the hob and the back wall and 100 mm to the right or left of the hob. See Warning and Safety instructions.
- Seal the cut surfaces with a suitable sealant to avoid swelling caused by moisture.
  The materials used must be heat resistant.

If during installation the corners of the frame are not flush with the worktop surface, the corner radius, Max R4 can be carefully scribed to suit.

Appliance dimensions and worktop cut-out

KM 361 / KM 363



① Building-in height

② Connection box

③ Gas connection R $^{1}/_{2}$ - ISO 7-1 (DIN2999)

- Make the worktop cut-out following the dimensions shown above.
  Remember to maintain a minimum safety distance of 50 mm between the hob and the back wall and 100 mm to the right or left of the hob. See Warning and Safety instructions.
- Seal the cut surfaces with a suitable sealant to avoid swelling caused by moisture.
  The materials used must be heat resistant.

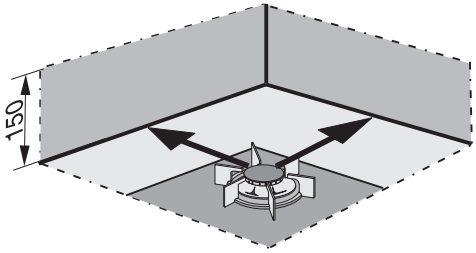
If during installation the corners of the frame are not flush with the worktop surface, the corner radius, Max R4 can be carefully scribed to suit.

Safety clearance

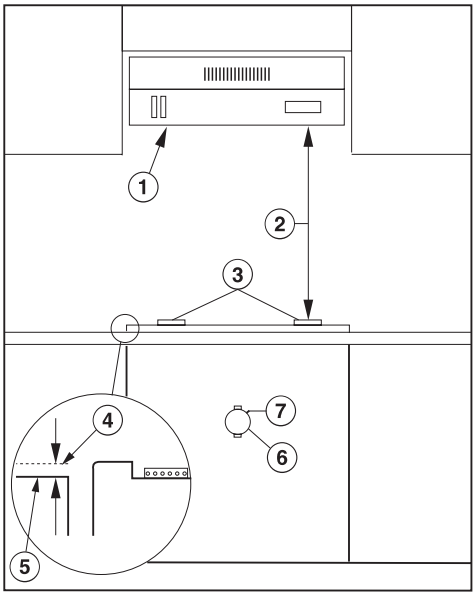
Before installing the appliance check that the location provides the required clearances from combustible materials and if necessary provide protection to adjacent surfaces as required by regulations.

Shown area indicates protected surface, which may be ceramic tiles or other approved material.

If clearance between side and rear walls and the periphery of the burner is less than 200 mm, the walls must be protected with a non-combustible material. The protection must be extended a minimum distance of 150 mm above the burner (refer - gas fitting regulations).



Clearance above and around the appliance



① Range hood

② not less than 650 mm from burner to any horizontal surface over full width of the appliance.

③ Burner

④ 10 mm recommended minimum

⑤ Combustible work bench

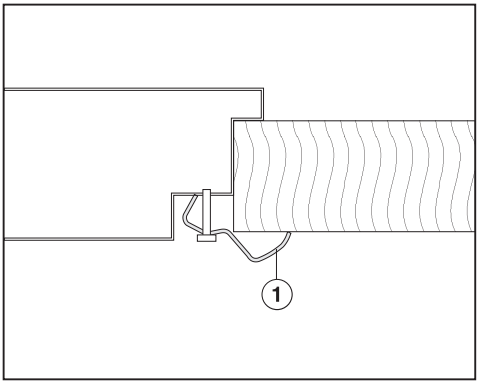
⑥ Regulator (NG)

⑦ test nipple of regulator 7 mm diam.

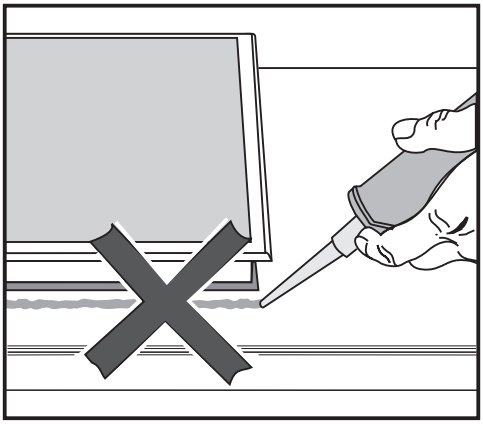
Building in

- Place the hob in the prepared cut-out.
- Feed the electrical connection cable through the cut-out and connect.
- Make the gas connection (see relevant section).

Fixing the support brackets



- Secure the gas hob in position with fixing brackets ① supplied as shown.



Under no circumstances should sealant find its way between the frame of the top part of the hob and the worktop.

This could cause difficulties if the hob ever needs to be taken out for servicing, (possibly leading to damage to the frame and worktop).

The sealing strip under the edge of the top part of the hob provides a sufficient seal for the worktop.

Electrical connection

All electrical work should be carried out by a suitably qualified and competent person in strict accordance with national and local safety regulations.

For extra safety it is advisable to install a residual current device (RCD), with a trip current of 30 mA.

Connection for each appliance should be made via a suitable isolator.

The data plate gives the necessary data for connection.

WARNING
THIS APPLIANCE MUST BE EARTHED

Important

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow = earth

Blue = neutral

Brown = live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol ⏚ or coloured green or green and yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter A or coloured red.

Connection to the gas supply, or conversion from one type of gas to another should only be undertaken by an approved fitter, who is responsible for correct functioning of the appliance when installed. Every appliance should have its own isolating valve.

The gas connection must be installed so that connection can be made either from inside or outside the kitchen unit, and the isolating valve must be easily accessible and visible (by opening one of the kitchen unit doors, if necessary).

Check with your local gas supplier about the type of gas and its calorific value, and compare this information with the type of gas quoted on the hob data plate.

Depending on country of destination this appliance is set up for connection to natural or liquid gas.
See adhesive label on the appliance:
G = NG (natural gas)
LP = ULPG (Propane/Butane)

Depending on country of destination jets are supplied for conversion to a different type of gas.

If the appropriate jets have not been supplied with the appliance you will need to contact your dealer or the Technical Service Department.

Conversion to another type of gas is described under the relevant Section.

Gas connection

The gas connection must be in accordance with national and local regulations.
The relevant building regulations must also be observed.

Natural gas / liquid gas

The gas connection must be so sited that it is not adversely heated when the appliance is in operation.

Pressure Test Point.This is provided on the gas regulator (supplied for natural gas).

- Loosen the screw in the test point until it is free in its housing. The screw is retained in this position.
- Connect the hose from the pressure gauge.
- Reassemble one of the large burners, turn on the gas and manually light the burners.

Gas pressure must be set by the approved gas fitter as shown on the data plate:

Natural gas	1.0 kPa
ULPG (Propane/Butane)	2.75 kPa

- Disconnect gauge and screw in the test point screw.

When the gas hob has been installed it is essential to check that neither the gas pipe nor the electricity cable is in contact with hot parts of the appliance or hot gas exhaust.

If a flexible connection is installed make sure it does not touch moving parts of the kitchen furniture, e.g. a drawer.

A full operational test and a test for possible leakages must be carried out by the fitter after installation.

Nominal rating for all gas types with the burner full on

Burner	Gas type	KM 360 / KM 360-1/ KM 361		KM 362 / KM 362-1		KM 363	
		MJ/h	g/h	MJ/h	g/h	MJ/h	g/h
Auxiliary burner	NG	3.85	-	3.85	-	3.85	-
	ULPG	3.60	71	3.60	71	3.60	71
Normal burner	NG	5.85	-	5.85	-	5.85	-
	ULPG	6.35	126	6.35	126	6.35	126
Fast burner	NG	10.35	-	-	-	10.35	-
	ULPG	9.68	192	-	-	9.68	192
Wok burner	NG	-	-	14.40	-	-	-
	ULPG	-	-	14.40	286	-	-
Total output	NG	25.90	-	29.95	-	20.05	-
	ULPG	25.98	516	30.70	609	19.63	390

Nominal rating at low setting

Burner	Gas type	KM 360 / KM 361 / KM 361-1	KM 362 / KM 362-1	KM 363
		MJ/h	MJ/h	MJ/h
Auxiliary burner	NG	0.70	0.70	0.70
	ULPG	0.41	0.41	0.41
Normal burner	NG	1.10	1.10	1.10
	ULPG	0.97	0.97	0.97
Fast burner	NG	1.70	-	1.70
	ULPG	1.65	-	1.65
Wok burner	NG	-	5.74	-
	ULPG	-	5.58	-

Nominal ratings for ULPG are based on propane gas

Conversion to another type of gas

Jet table

When converting to liquid gas, the main jets and the small jets of all burners must be changed.

Screw in the new jets according to the following table.

	Main jet Ø	Low setting jet Ø
NG		
Auxiliary burner	0.90	0.42
Normal burner	1.10	0.52
Fast burner	1.50	0.60
Wok burner	1.70 / 0.70	1.30
ULPG		
Auxiliary burner	0.52	0.23
Normal burner	0.70	0.32
Fast burner	0.87	0.40
Wok burner	1.00 / 0.37	0.68

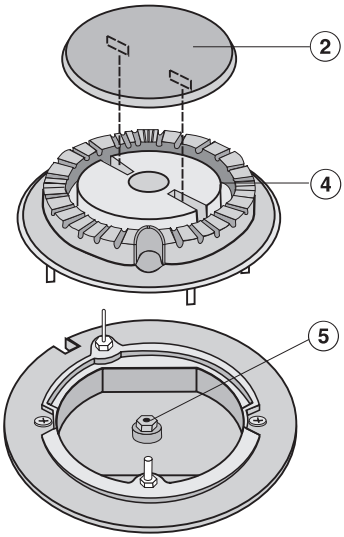
The jet markings refer to 1/100 mm of the jet orifice.

Changing the jets

Disconnect the gas hob from the electricity supply. Depending on the type of installation, either withdraw the mains fuse, switch off at the fused spur unit, or at the socket and withdraw the plug.

Changing the main jets

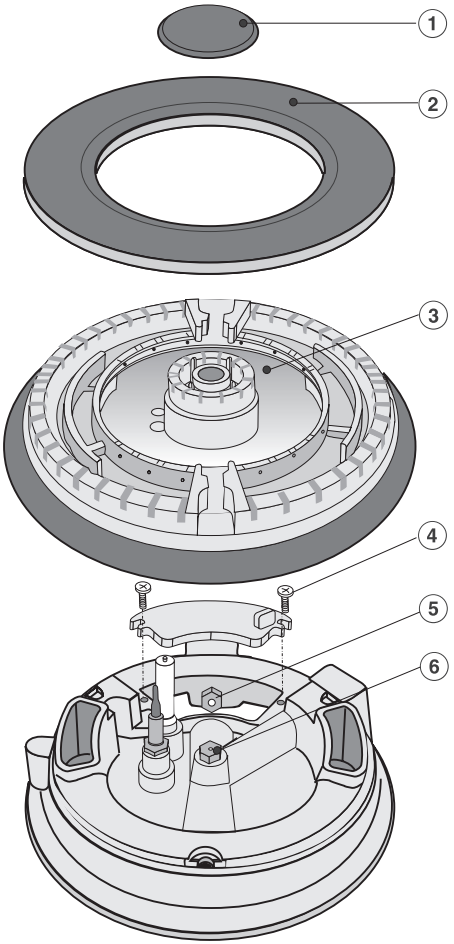
Auxiliary-, Normal and Fast burner



- Take off the pan support, the burner cover ② and the burner head ④.
- Using an (M7) socket spanner unscrew the main jet ⑤.
- Change the main jet.

Conversion to another type of gas

Wok burner



- Take off the burner cover ①, burner ring ② and burner head ③.
- Loosen the screws ④ and take off the plate.
- Using an (M7) socket spanner unscrew the main jets ⑤ (larger diameter) and ⑥ (smaller diameter).
- Change the main jets according to the jet table.

Changing the low setting jets

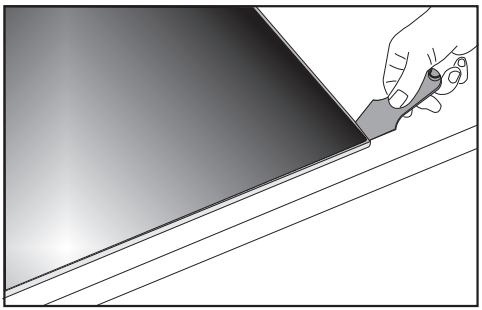
(all burners)

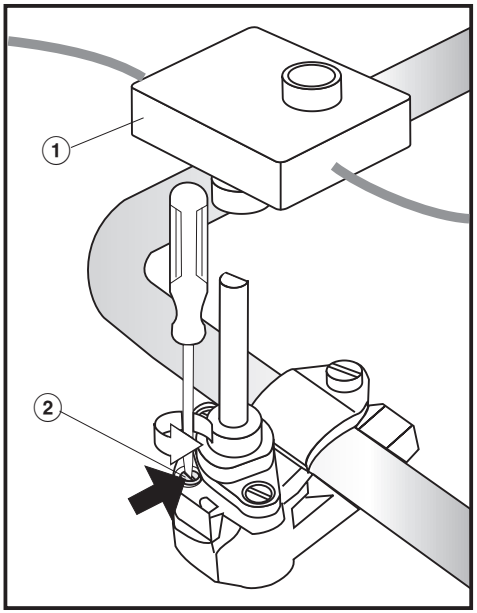
To change the low setting jets the fastening screws of the burners must be loosend and the upper part of the appliance has to be taken off.

- Pull off the control knobs.
- Take off the upper part.

Stainless steel:
Lift at the rear, slide forward and take off.

Ceramic:
Insert the supplied tool at the corner between the appliance frame and worktop, lift the top and take it off.



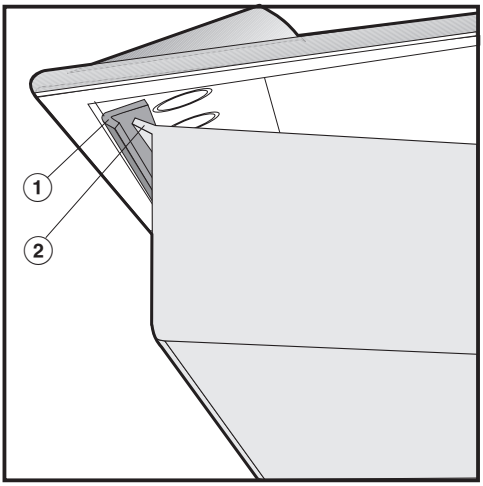


- Take off the ignition switch ①.
- Loosen the low setting jet ② with a small screw driver.
- Pull out the jet with a pair of pointed pliers.
- Install the new jet according to the jet table and tighten.

After conversion

- Assemble all burners in the reverse order and check for leaks by operating them without the upper part of the hob in place (use a match to ignite the flame).
- Take off all burner parts again.
- Put the upper part of the hob in place.

KM 360 G / KM 362 G
When replacing the stainless steel upper section:
Position the upper section as shown in the illustration, pushing it forwards first of all and then backwards until the angle bracket ① clicks into place underneath the lip ② of the lower section. Then lower the upper section.



- Screw on the burner head and assemble all loose burner parts in the correct order.
- Push the control knobs back into place.
- Check the behaviour of the flames by lighting all burners.

The flame must not go out in the lowest setting, nor when the control is turned quickly from a high to a low setting.

In the highest setting the flame must have a distinctive and visible core.

Place the sticker enclosed with the conversion kit next to the data plate underneath the appliance.

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